

Date: Friday, 17/08/2007 11:19:57 AM  
 User: Linda Lacelle

## Process Sheet

<b>Customer</b> : CU-DAR001 Dart Helicopters Services	<b>Drawing Name</b> : EYEBALL ADAPTER
<b>Job Number</b> : 34071	
<b>Estimate Number</b> : 12244	
<b>P.O. Number</b> : <i>N/A</i>	<b>Part Number</b> : D3480043
<b>This Issue</b> : 17/08/2007 <b>S.O. No.</b> : <i>N/A</i>	<b>Drawing Number</b> : D3480 REV.B
<b>Prsht Rev.</b> : NC	<b>Project Number</b> : N/A
<b>First Issue</b> : <i>N/A</i> <b>Type</b> : SMALL /MED FAB	<b>Drawing Revision</b> : B
<b>Previous Run</b> : 31260	<b>Material</b> : <i>N/A</i>
<b>Written By</b> : <i>[Signature]</i>	<b>Due Date</b> : 11/09/2007 <b>Qty:</b> 4 <b>Um:</b> Each
<b>Checked &amp; Approved By</b> : <i>[Signature]</i>	
<b>Comment</b> : est rev. A 06.02.07 new issue EC	

## Additional Product

Job Number:



<b>Seq. #:</b>	<b>Machine Or Operation:</b>	<b>Description :</b>
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1.0	D34801	Flange
-----	--------	--------



**Comment:** Qty.: 1.0000 Each(s)/Unit Total : ~~4.0000~~ Each(s)

Pick:

Qty	Part number	Description	Batch
-----	-------------	-------------	-------

1	D3480-1	Flange	B34091
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X10

*ml*

2.0	NAS1031C3W	Nutplate
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**Comment:** Qty.: 4.0000 Each(s)/Unit Total : ~~16.0000~~ Each(s)

Pick:

Qty	Part number	Description	Batch
-----	-------------	-------------	-------

4	NAS1031C3W	Nutplate	M101144 X38
			M101462 X2

X10

✓

*ml 07/09/05*

3.0	SMALL FAB 1	SMALL & MEDIUM FAB RESOURCE 1
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**Comment:** SMALL & MEDIUM FAB RESOURCE 1

Spot weld as per dwg D3480

*ml 07/09/05*

X10

4.0	QC11	VISUAL INSPECTION OF SPOT WELDING
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**Comment:** VISUAL INSPECTION OF SPOT WELDING

*SB 07/09/05*

5.0	QC5	INSPECT WORK TO CURRENT STEP
-----	-----	------------------------------



**Comment:** INSPECT WORK TO CURRENT STEP

*SB 07/09/05*

10

10

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☐ No ☒ DQA: ☒ Date: 01/09/06  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Friday, 17/08/2007 11:19:57 AM  
User: Linda Lacelle

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: EYEBALL ADAPTER

Job Number: 34071

Part Number: D3480043

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify with a permanent fine point marker and Stock

Location: \_\_\_\_\_

57165

6/7/08

(10)

7.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

10/09/06

Job Completion



LL 8/09/06

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

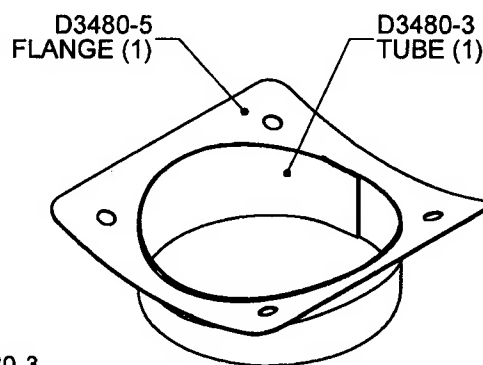
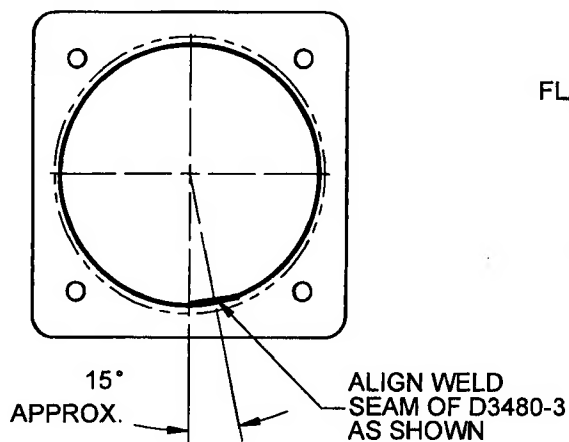
QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

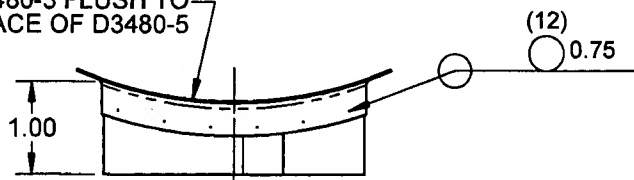
NOTE: Date & initial all entries

**DART**

DESIGN <i>B</i>	DRAWN BY <i>B</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>PH</i>	DRAWING NO. <b>D3480</b>	REV. B SHEET 1 OF 6
DATE <b>06.08.29</b>		TITLE <b>EYEBALL ADAPTER</b>	SCALE 1:2
A	06.02.06	NEW ISSUE	
B	06.08.29	D3480-3 0.50 was 0.40/D3480-3F 8.930 was 9.330	



SPOT WELD PARTS, THEN  
CUT D3480-3 FLUSH TO  
SURFACE OF D3480-5



### D3480-041 EYEBALL INLET ADAPTER

#### NOTES:

- 1) SPOT WELD PER DART QSI 004
- 2) FINISH: NONE
- 3) IDENTIFY WITH DART P/N D3480-041 USING FINE POINT PERMANENT INK MARKER
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

QTY -041	P/N	DESCRIPTION
X	D3480-041	EYEBALL INLET ADAPTER
1	D3480-3	TUBE
1	D3480-5	FLANGE

**RELEASED**06.09.19 *PH*

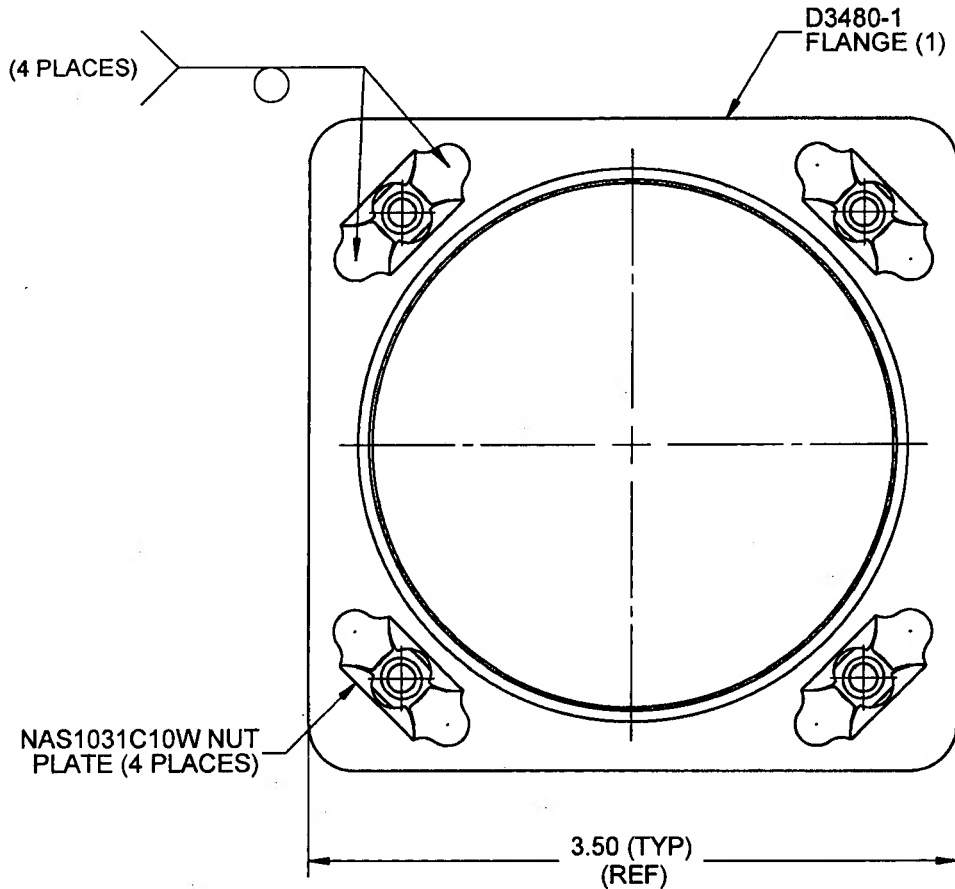
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DATE <b>06.08.29</b>		TITLE <b>EYEBALL ADAPTER</b>	SCALE 1:1

**RELEASED**06.09.19 *PH***D3480-043 EYEBALL ADAPTER**

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NO. 34071

**NOTES:**

- 1) SPOT WELD PER DART QSI 004
- 2) FINISH: NONE
- 3) IDENTIFY WITH DART P/N D3480-043 USING FINE POINT PERMANENT INK MARKER
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

QTY -043	P/N	DESCRIPTION
X	D3480-043	EYEBALL ADAPTER
1	D3480-1	FLANGE
4	NAS1031C3W	NUTPLATE

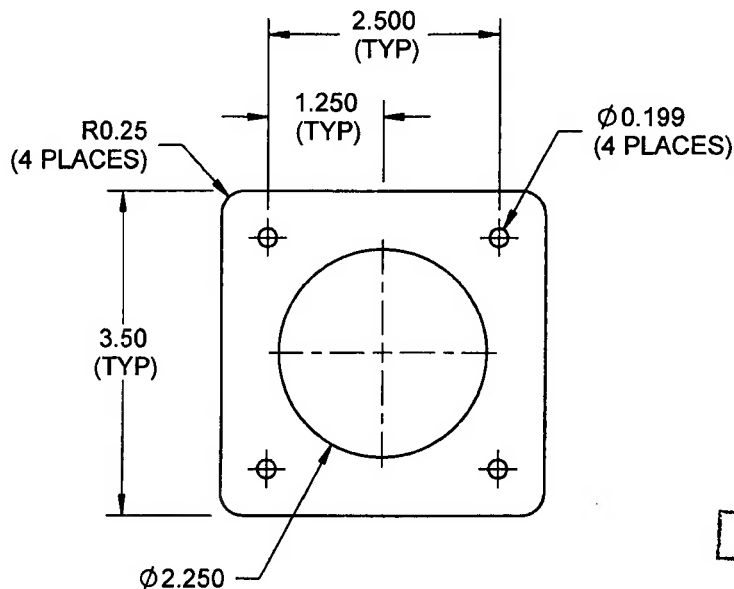
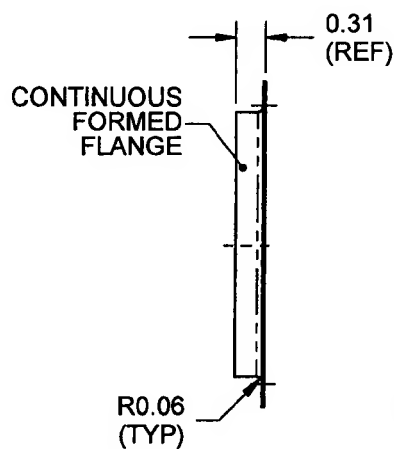
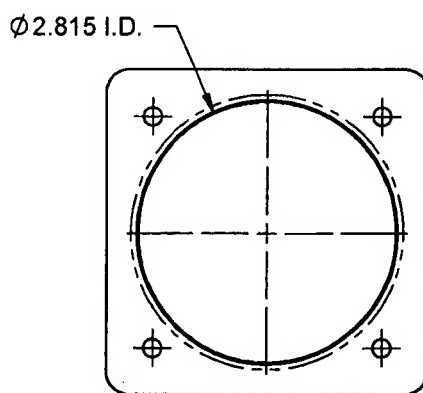
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DATE <b>06.08.29</b>		TITLE <b>EYEBALL ADAPTER</b>	SCALE 1:2

**RELEASED**06.09.19 *[Signature]***D3480-1F FLAT PATTERN****D3480-1 FLANGE**  
**(MAKE FROM D3480-1F)****NOTES:**

- 1) MATERIAL: AISI 304/316 SS SHEET PER MIL-S-5019 (ANNEALED) 2B FINISH  
26 GAUGE SS (0.018 THICK)  
(REF. DART SPEC. M304S26GA)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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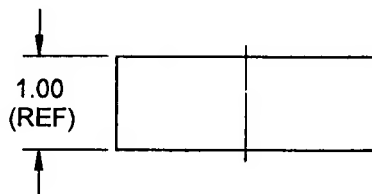
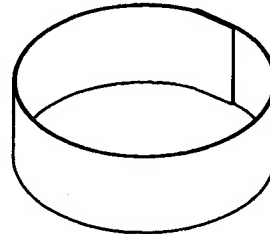
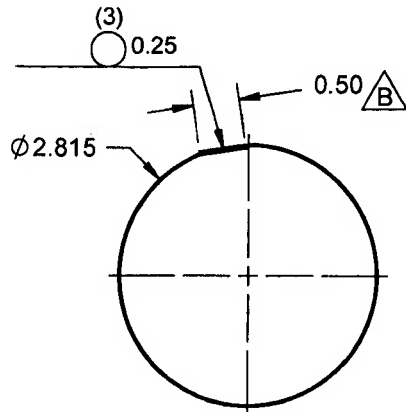
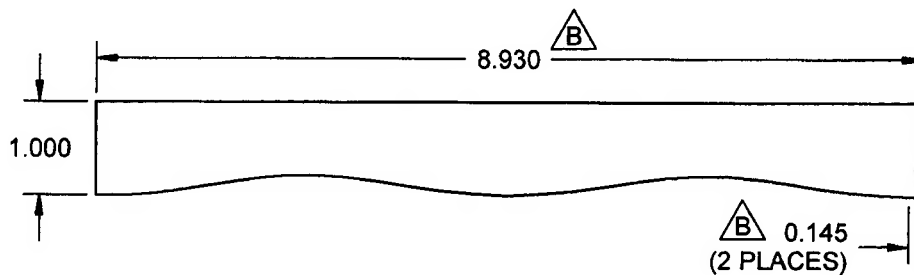
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DATE <b>06.08.29</b>		TITLE <b>EYEBALL ADAPTER</b>	SCALE 1:2

**D3480-3 TUBE****RELEASED***06.09.19* *[Signature]***D3480-3F TUBE FLAT PATTERN**

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**NOTES:**

- 1) MATERIAL: AISI 304/316 SS SHEET PER MIL-S-5019 (ANNEALED) 2B FINISH  
26 GAUGE SS (0.018 THICK)  
(REF. DART SPEC. M304S26GA)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

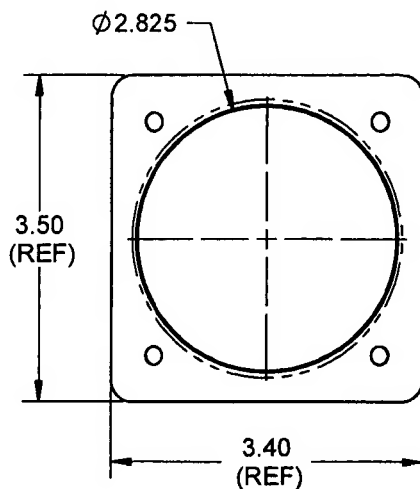
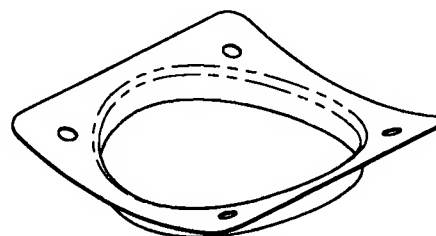
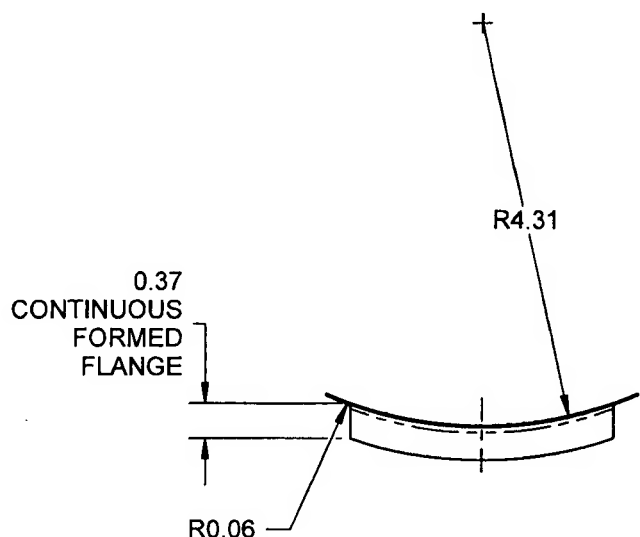
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DATE <b>06.08.29</b>		TITLE <b>EYEBALL ADAPTER</b>	SCALE 1:2

**RELEASED**06.09.19 *[Signature]***D3480-5 EYEBALL ADAPTER FLANGE****NOTES:**

- 1) MATERIAL: MAKE FROM D3480-1F
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

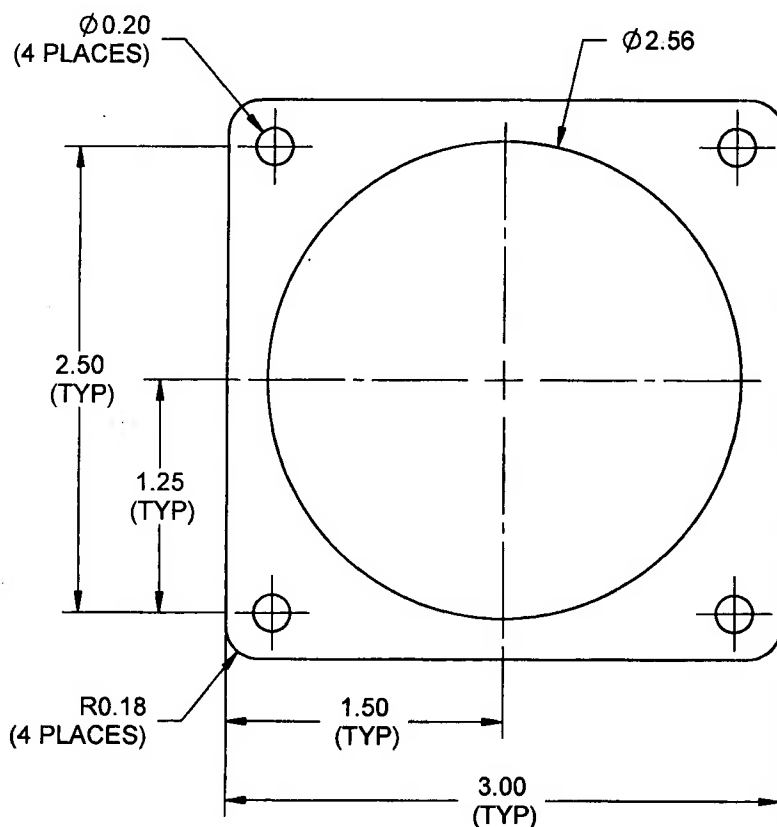
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DATE 06.08.29		TITLE EYEBALL ADAPTER	SCALE 1:1



### D3480-7 GASKET

#### NOTES:

- 1) MATERIAL: RED (OR GRAY) 60 DUROMETER HI-TEMPERATURE SILICONE SHEET, 0.125" THICK (REF. DART SPEC. M-SIL60-.125)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

RELEASED

06.09.19 *[Signature]*

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# SPOT WELD TEST RECORD

AMS-W-6858A

CLASS 'C'

TEST NO#: 2

EMPLOYEE: Mougin LePage

PART NUMBER: D3480-043

JOB NUMBER: 34071

MATERIAL TYPE: 304 L

MATERIAL THICKNESS: .013

GROUP SPECIFICATION



Group 1: Aluminum & magnesium



Group 2: Iron; nickel; cobalt



Group 3: Titanium

## TEST RESULTS

	PASS	FAIL
VISUAL:	[ <u>/</u> ]	[ ]
PENETRATION:	[ <u>/</u> ]	[ ]
PULL STRENGTH:	[ <u>/</u> ]	[ ]

PSI Reading: \_\_\_\_\_

Qualified in accordance with standard AMS-W-6858A and QSI 004 (ref: 4.3)

DATE OF TEST COUPON: 07/09/05

QUALIFIER: SB

